



Physikalisch-Technische Bundesanstalt  
Braunschweig und Berlin

OIML Member State  
Germany

OIML Certificate No.  
R60/2017-A-DE1-23.01

### OIML CERTIFICATE ISSUED UNDER SCHEME A

#### OIML Issuing Authority

Name: Physikalisch-Technische Bundesanstalt,  
Conformity Assessment Body  
Address: Bundesallee 100, 38116 Braunschweig, GERMANY  
Person responsible: Dr.-Ing. Prof. h. c. Frank Härtig

#### Applicant

Name: 3 S Fabrications (Pvt) Ltd  
Address: Venus Mills, Etiyawela, Daluwela,  
61130 Dankotuwa, Sri Lanka Sri Lanka

#### Manufacturer

Name: 3 S Fabrications (Pvt) Ltd  
Address: Venus Mills, Etiyawela, Daluwela, 61130 Dankotuwa, Sri Lanka Sri Lanka

#### Identification of the certified type *(the detailed characteristics will be defined in the additional pages)*

Load cell  
Type: RCP

#### Designation of the module *(if applicable)*

Load cell

This OIML Certificate attests the conformity of the above identified type (represented by the sample(s) identified in the OIML type evaluation report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

OIML R 60

Edition (year): 2017

For accuracy class (if applicable): C2

**OIML Certificate No.  
R60/2017-A-DE1-23.01**

This OIML Certificate relates only to metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML Recommendation identified above.

This OIML Certificate does not bestow any form of legal international approval.

The conformity was established by the results of tests and examinations provided in the associated OIML type evaluation report:

No. 1.12-4113581 dated 14.11.2023 that includes 6 pages

The technical documentation relating to the identified type is contained in documentation file:

No. ZDS-R60/2017-A-DE1-2023.01 dated 14.11.2023 that includes 2 pages

**OIML Certificate History**

Revision No.	Date	Description of the modification
-	14.11.2023	initial issuance

Identification, signature and stamp

**The Issuing Authority**

  
Dr. Oliver Mack

Member of Conformity Assessment Body

Date: 14.11.2023



Table 1: Essential data

Accuracy class		C2
Max. number of load cell intervals $n_{LC}$		2000
Maximum capacity $E_{max}$	t	30, 40, 50, 90, 120
Minimum load cell verification interval	$V_{min} = (E_{max} / Y)$	$E_{max} / 8000$
DEAD LOAD OUTPUT RETURN	$(DR=1/2 * E_{max} / Z)$	$Z = 2800$

Minimum dead load:  $0\% \cdot E_{max}$ ; Safe overload:  $200\% \cdot E_{max}$ ;

*Important note:* Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate is issued, partial quotation of the Certificate and of the associated OIML type evaluation report(s) is not permitted, although either may be reproduced in full.

